



# भारत का राजपत्र The Gazette of India

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No. 5] NEW DELHI, SATURDAY, JANUARY 31—FEBRUARY 06, 2004 (MAGHA 11, 1925)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

### [PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]  
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Kolkata, the 31st January 2004

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Telegraphic Address "PATENTS"  
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Website : http://ipindia.nic.in

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कोलकाता, दिनांक 31 जनवरी 2004

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:--

1. पेटेंट कार्यालय शाखा,  
टोडी इस्टेट, तीसरा तल,  
सन मिल कम्पाउंड,  
लोअर परेल (वेस्ट),  
मुम्बई - 400 013 ।

गुजरात, महाराष्ट्र, मध्य प्रदेश तथा  
गोआ राज्य क्षेत्र एवं  
संघ शासित क्षेत्र, दमन तथा दीव एवं  
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तार पता : "पेटेफिस"

फोन : (022) 2492 4058, 2496 1370, 2492 3684, 2490 3852

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ई. मेल : patmum@vsnl.net

2. पेटेंट कार्यालय शाखा,  
डब्ल्यू-5, वेस्ट पटेल नगर,  
नई दिल्ली - 110 008 ।

हरियाणा, हिमाचल प्रदेश, जम्मू  
तथा कश्मीर, पंजाब, राजस्थान,  
उत्तर प्रदेश तथा दिल्ली राज्य  
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता : "पेटेंटोफिक"

फोन : (011) 2587 1255, 2587 1256, 2587 1257,  
2587 1258.

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3. पेटेंट कार्यालय शाखा,  
गुना कम्प्लेक्स, छठ तल, एनेक्स-II,  
443, अन्नासलाई, तेनामपेट,  
चेन्नई - 600 018 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु  
तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ  
शासित क्षेत्र लक्षद्वीप, मिनीकाय तथा एमिनिदिव द्वीप ।  
तार पता - "पेटेंटोफिक"

फोन : (044) 2431 4324/4325/4326.

फैक्स : (044) 2431 4750/4751.

ई. मेल : patentchennai@vsnl.net

4. पेटेंट कार्यालय (प्रधान कार्यालय),  
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय  
भवन, 5वां, 6वां व 7वां तल,  
234/4, आचार्य जगदीश बोस मार्ग,  
कोलकाता - 700 020 ।

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"

फोन : (033) 2247 4401/4402/4403.

फैक्स : (033) 2247 3851, 2240 1353.

ई. मेल : patentin@vsnl.com

patindia@giascl01.vsnl.net.in

वेब साइट : http://ipindia.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2002 अथवा पेटेंट नियम, 2003 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित हैं, उस स्थान के अनुसूचित बैंक से नियंत्रक, पेटेंट को भुगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा की जा सकती है।

**अभिगृहित पूर्ण विनिर्देश**

एतद्वारा सूचना दी जाती है कि आवेदनों में किसी पर पेटेंट अनुदान का विरोध करने वाले इच्छुक व्यक्ति राजपत्र के इस निर्गमन की तिथि से चार महीने के भीतर या उक्त चार महीने की समाप्ति के पूर्व, प्ररूप 4 में यदि आवेदित किया हुआ हो, तो परवर्ती एक महीने के भीतर, किसी समय, नियंत्रक, पेटेंट को ऐसे विरोध की सूचना प्ररूप 7 में उपयुक्त कार्यालय में दे सकते हैं। विरोध का लिखित कथन साक्ष्य के साथ, यदि कोई हो, दो प्रतियों में उक्त सूचना के साथ या अगले दो महीने की अवधि के भीतर दाखिल किया जाए। इस संदर्भ में, यथा संशोधित पेटेंट अधिनियम, 1970 की धारा 25 एवं पेटेंट नियम, 2003 के नियम 55 से 57 का अवलोकन किया जा सकता है।

उपयुक्त कार्यालय द्वारा विनिर्देश एवं चित्र आरेख, यदि हो, के छायाप्रति की आपूर्ति छायाप्रति शुल्क के रूप में प्रति पृष्ठ रु. 4/- की अदायगी पर की जा सकती है।

**COMPLETE SPECIFICATION ACCEPTED**

Notice is hereby given that any person interested in opposing the grant of a Patent on any of the Applications, may, at any time within four months from the date of this issue of Gazette or within further period of one month if applied for in Form 4 before the expiry of the said period of four months, give notice to the Controller of Patents at the Appropriate Office on Form 7 of such opposition. The Written Statement of Opposition accompanied by evidence, if any, should be filed in duplicate alongwith the said notice or within further period of two months. Section 25 of The Patents Act, 1970 as amended and Rules 55 to 57 of The Patents Rules, 2003 may be referred to in this regard.

Photo copies of the specification and drawings, if any, can be supplied by the Appropriate Office on payment of photocopying charges @ Rs. 4/- per page.

Ind.Cl : A 61 F 13/15 191971  
 Int.Cl<sup>7</sup> : 128 A  
 Title : AN ABSORBENT ARTICLE  
 Applicant : MCNEIL-PPC, INC. OF 199 GRANDVIEW ROAD, SKILLMAN,  
 NJ 08558, UNITED STATES OF AMERICA.  
 Inventor : 1. CATHERINE E. SALERNO  
 2. TENNY JERSCHKOW.  
 3. MICHELE GENTILE.

Application no. 1495/CAL/1996 FILED ON 21.08.1996  
 (CONVENTION NO. 08/522 881 FILED ON 01.09.1995 IN UNITED STATES OF AMERICA.)  
 APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

### 13 CLAIMS.

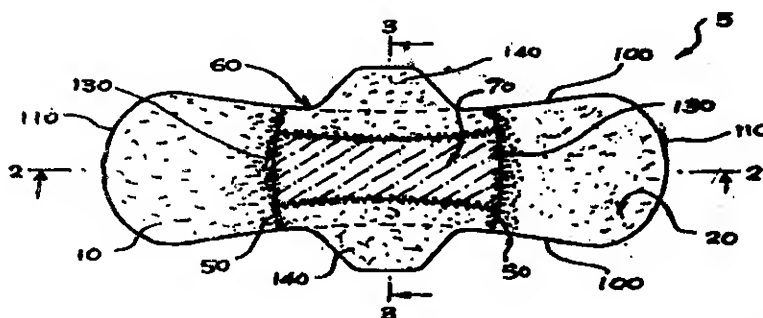
An absorbent article (5) having longitudinal sides (100) and transverse ends (110), a body-facing surface (20) and a garment-facing surface said article (5) comprising.

a) a fluid-permeable cover (10) on said body-facing surface (20);

b) a fluid-impermeable barrier (30) on said garment-facing surface;

c) a fluid-absorbent core (40) containing wood pulp fluff between the fluid-permeable cover (10) and the fluid impermeable barrier (30), said fluid-absorbent core (40) having a central region (60) and transverse ends (130) and a thickness of at least 0.20 inches; and

d) a stabilizing absorbent element (120) adjacent an upper portion of the central region (60) of the absorbent core, wherein the stabilizing element (120) is capable of absorbing fluids and remaining stable when wet, and wherein the stabilizing element has a lateral width in a range of from at least 0.5 inches to less than 1.75 inches.



Ind.Cl : 32 F 3(B) 191972

Int.Cl<sup>7</sup> : C 12 N 15/55 C 12 N 9/16 C 12 N 9/18 C 02 F 1/58

Title : A PROCESS FOR PRODUCING AN ENZYME TERMED MALATHION CARBOXYLESTERASE (MCE.)

Applicant : COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, OF LIMESTONE AVENUE, CAMPBELL ACT, 2601 AUSTRALIA.

Inventor : 1. ROBYN JOYCE RUSSELL. 2. RICHARD DAVID NEWCOMB  
3. PETER MALCOLM CAMPBELL.  
4. GEOFFREY CHARLES DE QUETTEVILLE ROBIN.  
5. CHARLES GLAUDIANOS.  
6. KERRIE-ANN SMYTH. 7. THOMAS MARK BOYCE.  
8. JOHN GRAHAM OAKESHOTT.  
9. JEREMY COLIN BROWNLIE.

Application no. 2033/CAL/1996 FILED ON 26.11.1996  
(CONVENTION NO. PN6751 FILED ON 23.11.1995 IN AUSTRALIA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

**6 CLAIMS.**

A process for producing an enzyme termed malathion carboxyl esterase (MCE) which is capable hydrolysing at least one organophosphate selected from the group consisting of carboxylester organoposphates and dimethyl-oxon organophosphates, or an enzymatically active portion thereof, the process comprising

- i) transforming a host cell with a DNA molecule comprising a nucleotide sequence having at least 60% homology with LcaE7, in which the MCE enzyme encoded by the DNA molecule differs from E3 at least in the substitution of Trp at position 251 with an amino acid selected from the group consisting of Leu, Ser, Ala, Ile, Val, Thr, Cys, Met and Gly, operatively linked to a control sequence,
- ii) culturing the transformed cell under conditions which allow expression of the DNA sequence, and
- iii) recovering the produced MCE enzyme or an enzymatically active portion thereof.

**Complete Specifications : 34 pages.**

**Drawings: 11 sheets**

Ind.Cl : 174 F 191973  
 Int.Cl<sup>7</sup> : F 16 F 9/02, 9/36  
 Title : ADJUSTABLE-LENGTH GAS SPRING.  
 Applicant : SUSPA COMPART AKTIENGESELLSCHAFT, OF  
 INDUSTRIESTRASSE 12-14, D-90518, ALTDORF, FEDERAL  
 REPUBLIC OF GERMANY.  
 Inventor : 1. HERBERT WOLF.  
 2. HANS-PETER BAUER.

Application no. 218/CAL/1997 FILED ON 07.02.1997  
 (CONVENTION NO. 19604962.8 FILED ON 10.02.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

### 10 CLAIMS.

An adjustable-length gas spring comprising:

a housing (1, 72) having a central longitudinal axis (21, 73),

a piston rod (8, 83) led out of the housing (1, 72) at an axis  
 concentrically of the central longitudinal axis (21, 73),

a piston (5, 87) arranged on the piston rod (8, 83) and  
 displaceable in the housing (1, 72) and dividing the housing  
 (1, 72) into a first partial housing chambers (17,93) and a second  
 partial housing chamber (20,94),

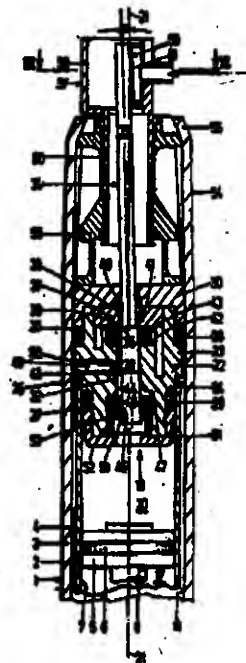
a valve (19, 88, 19") for connecting said first partial housing  
 chambers (17,93) and said second partial housing chamber (20,94),

a passageway (49,49') connecting said first partial housing  
 chamber (17,93) with said valve (19,88,19'),

said valve (19-88,19") comprising a seal (45, 45') and a  
 valve-operating lever

(34,34',34") having a longitudinal directional with a valve seat (46, 46),  
 said valve-operating lever (34, 34', 34") being arranged pivotably  
 at right angles to said longitudinal direction out of a rest position into  
 an opening position,

wherein in said rest position said valve seat (46, 46') rests on said  
 seal (45, 45') separating said passageway (49, 49') from said  
 second partial housing chamber (20, 94) and wherein in said  
 opening position a gap (51, 51') is formed between said valve seat  
 (46, 46') and said seal (45, 45'), connecting said passageway  
 (49, 49') with said second partial housing chamber (20, 94).



Complete Specifications : 18 pages.

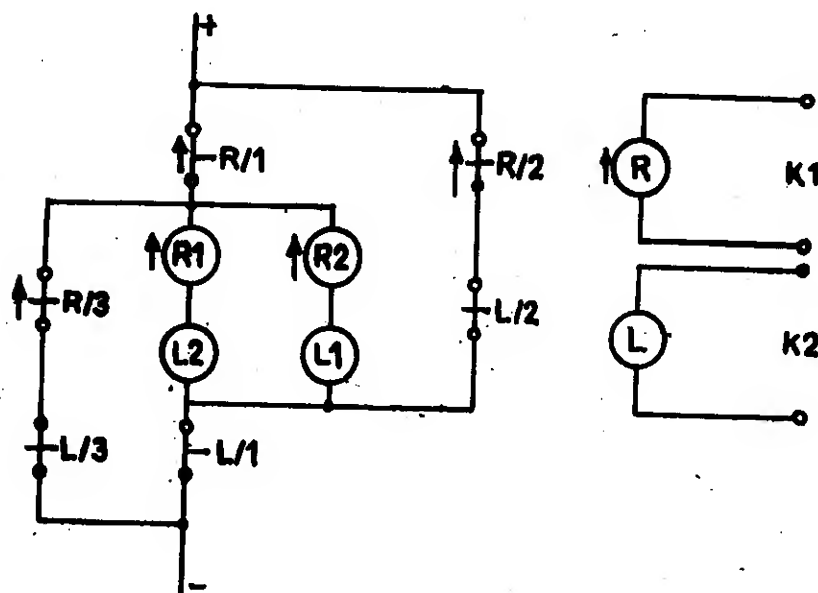
Drawings: 5 sheets

Ind.Cl : 157 A4 191974  
Int.Cl<sup>7</sup> : B61L 5/06, 7/08  
Title : REVERSING SWITCH FOR SWITCHING THE RUNNING DIRECTION  
OF A RAILWAY SWITCH DEVICE.  
Applicant : SIMENS AKTIENGESELLSCHAFT  
OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY  
Inventor : JURGEN KLAUS.

Application no. 238/CAL/1997 FILED ON 11.02.1997  
(CONVENTION NO. 19606893.2 FILED ON 13.02.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)  
PATENT OFFICE KOLKATA.

4 CLAIMS.



Reversing switch for switching the running direction of a railway switch device using bistable position relays whose contacts switch without any load and at the same time prepare the connection of the motor winding/motor windings for the subsequent revolution of the drive, characterized

that two direction relays (R., L) are provided which are assigned to one or the other running direction of the drive (WA) and are designed as switching relays, each of which can be controlled from another computer channel (k1,k(2) of a computer device, said bistable position relays (R1, L1, R2, L2) each have only a single winding and are connected in series in pairs (R1, L2; R2, L1) such that one (R1, R2) changes into the active position in one current direction, and the other (L1, L2) changes into the active position in the other current direction, the series circuit formed by the bistable relays is connected via a make contact (R1/1) of one direction relay (R) to one pole (+) of a supply Source, and via a break contact (L/1) of the other said direction relay (L) to the other pole (-) of the voltage source, the series circuit formed by the bistable relays with the make contact and break contact, respectively of one or the other direction relay, respectively, is in each case connected in parallel with the series circuit formed from a break contact (R/2) or (R/3), respectively of one or the other make contact (L/2) or (L/3), respectively, of the other direction relay.

*Complete Specifications : 12 pages.*

*Drawings: 1 sheets*



Ind.Cl : 134 A 191975

Int.Cl<sup>7</sup> : H01H, 15/02, 15/24

Title : AN ELECTRIC SLIDE SWITCH.

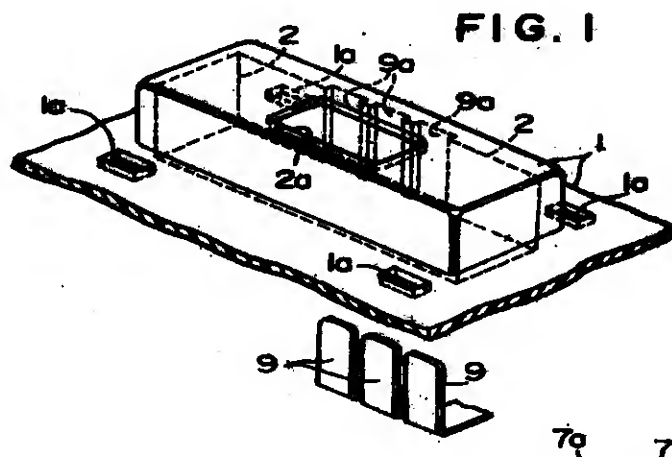
Applicant : KABUSHIKI KAISHA T AN T. OF 972-1, AZA-SAKASHITA,  
KAWAGOE-SHI, SAITAMA, PREFECTURE, JAPAN.

Inventor : 1. KOUICHI SINZAWA.  
2. YOJI YABATA.  
3. TSUNEFUKE TAKANO

Application no. 290/CAL/1997 FILED ON 18.02.1997  
(~~CONVENTION~~ NOS. 8-73256 ; 8-79474 ; 8-111904 AND 8-137556 FILED ON 04.03.1996 ,  
07.03.1996 , 09.04.1996 AND ON 08.05.1996 IN JAPAN RESPECTIVELY.)  
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

10 CLAIMS.



An electric slide switch comprising a body (1) member defining therein a hollow interior, an operating member (3) housed within the hollow interior of the body member and movable relative thereto, a portion of the operating member (3) projecting from the hollow interior of the body member to enable manual movement of said operating member, a through hole (4) being provided in said operating member for housing resilient means (5) acting axially of said hole (4), a clicking thruster (6) mounted in the operating

member at or adjacent one end of said hole, containment means for said clicking thruster (6) being formed at said one end of said hole (4) to retain the clicking thruster (6) in said hole, a moving contact member, (7) located at or adjacent the other end of said hole, said moving contact member being in resilient contact with said clicking thruster (6) through said (resilient means (5), one internal side face of said body member being provided with one or more recesses therein and the opposite internal side face of said body member being provided with a plurality of stationary contacts (9) spaced therealong in the direction of movement of the operating member (3), the resilient means (5) urging the clicking thruster (6) and the contact member respectively into engagement with the one internal side face of the body member and the stationary contacts (9) on the opposite internal side face of the body member, the arrangement being such that, on movement of the 7 operating member (3) to a position in which the contact member thereon is resiliently urged into engagement with, to short between, two adjacent stationary contacts, the clicking thruster is resiliently urged into engagement with an associated recess to produce a clicking sensation on said movement which is transmitted to said projecting portion of the operating member, the body member and operating member therein being retained in an assembled state purely by interaction therebetween.

*Complete Specifications : 27 pages.*

*Drawings: 17 sheets*

Ind.Cl : 155 D **191976**  
Int.Cl<sup>7</sup> : B 32 B 1/04  
Title : A FABRIC STRUCTURE FOR BALLISTIC PROTECTION  
Applicant : E.I DU PONT DE NEMOURS AND COMPANY, OF 1007, MARKET STREET,  
WILMINGTON, DELAWARE 19898, UNITED STATES OF AMERICA.  
Inventor : CHITRANGAD

Application no. 596/CAL/1997 FILED ON 04.04.1997  
(CONVENTION NO. 08/636,446 FILED ON 23.4.1996 IN UNITED STATES OF AMERICA.)  
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

**8 CLAIMS.**

A fabric structure for ballistic protection comprising at least two layers of woven para-aramid yarn of the kind such as herein described and at least one layer of pulp of the kind of the kind such as herein described positioned therebetween;

Wherein the said pulp is from 5 to 20 weight percent of the said structure based on weight of the said layers of said woven yarn.

***Complete Specifications : 12 pages.***

***Drawings: 1 sheets***

Ind.Cl : 32 (C) 191977  
Int.Cl<sup>7</sup> : D02G 3/00  
Title : A SIZE COMPOSITION FOR TREATING GLASS FIBRES USEFUL TO REINFORCE POLYMERIC MATERIALS.  
Applicant : N.V. OWENS-CORNING S.A. OF 178 CHAUSSEE DE LA HULPE, 1170, BRUSSELS, BELGIUM  
Inventor : H WILLY PIRET.

Application no. 808/CAL/1997 FILED ON 05.05.1997  
(CONVENTION NO. 08/646/606 FILED ON 08.05.1997 IN UNITED STATES OF AMERICA.)  
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)  
PATENT OFFICE KOLKATA.

**22 CLAIMS.**

A size composition for treating glass fibers useful to reinforce polymeric materials comprising:

- (a) a first film former comprising a polyester-based thermoplastic polyurethane formed from a saturated polyester which does not crosslink
- (b) a second film former comprising (i) a vinyl acetate glycidyl methacrylate copolymer or (ii) a mixture of a vinyl acetate glycidyl methacrylate copolymer and a vinyl acetate homopolymer;
- (c) a silane coupling agent; and
- (d) water.

Complete Specifications : 25 pages.

Drawings: nil

Ind.Cl : 139 A 191978  
Int.Cl<sup>7</sup> : C 09 C 1/60  
Title : A PROCESS FOR MANUFACTURING DRY GRANULATED POWDERED CARBON BLACK  
Applicant : DEGUSSA AG OF BENNIGSENPLATZ 1, D-40474 DUSSELDORF GERMANY  
Inventor : 1. DR. CONNY VOGLER KOLBERGER.  
2. DR. KARL VOGEL AM MITTELBACH.  
3. JAN KOPIETZ.

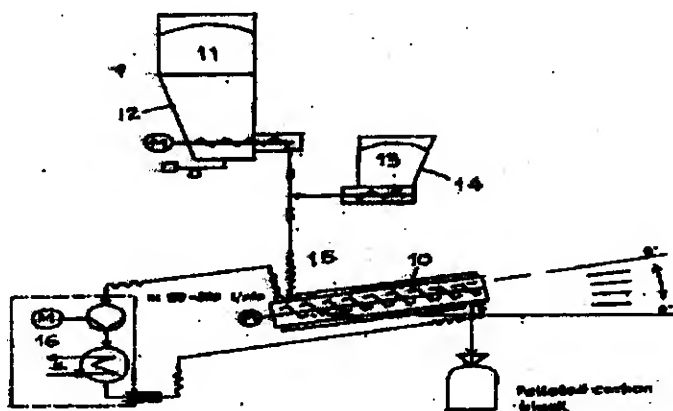
Application no. 1038/CAL/1997 FILED ON 04.06.1997  
(CONVENTION NO. 19623198.1 FILED ON 11.06.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

**9 CLAIMS.**

A process for manufacturing dry granulated powdered carbon black characterised by granulating powdered carbon black in a toothed shaft granulator which has, in a circular cylindrical, drum-shaped stator with a longitudinal axis an axially arranged toothed shaft which rotates about the longitudinal axis of the stator and conveys the powdered carbon black from the inlet to the exit to of the granulator, with simultaneous granulation, wherein the teeth have a diameter and a length and are arranged on the shaft, axially offset with respect to each other along a helical line around the shaft and the maximum peripheral speed of the ends of the teeth is between 1 and 6 m/s and the average residence time for the carbon black in the granulator is between 20 and 600 seconds.



Complete Specifications : 31 pages.

Drawings: 3 sheets

Ind.Cl : 80(F), 167 (C) 198 (C) 191979

Int.Cl<sup>7</sup> : B01D 21/02 33/58 B 29 C 047/68

Title : FILTER APPARATUS FOR LIQUIDS CONTAINING IMPURITIES.

Applicant : 1. HELMUT BACHER OF BRUCK/BAUSLEITEN 17, A-4490 ST. FLORIAN, AUSTRIA.  
2. HELMUT H SCHULZ, OF BADSTRASSE 20, A -4490 ST. FLORIAN, AUSTRIA  
3. GEORG WENDELIN OF WALDBOTHENWEG 84, A - 4033 LINZ, AUSTRIA.

Inventor 1. HELMUT BACHER  
2. HELMUT H SCHULZ  
3. GEORG WENDELIN

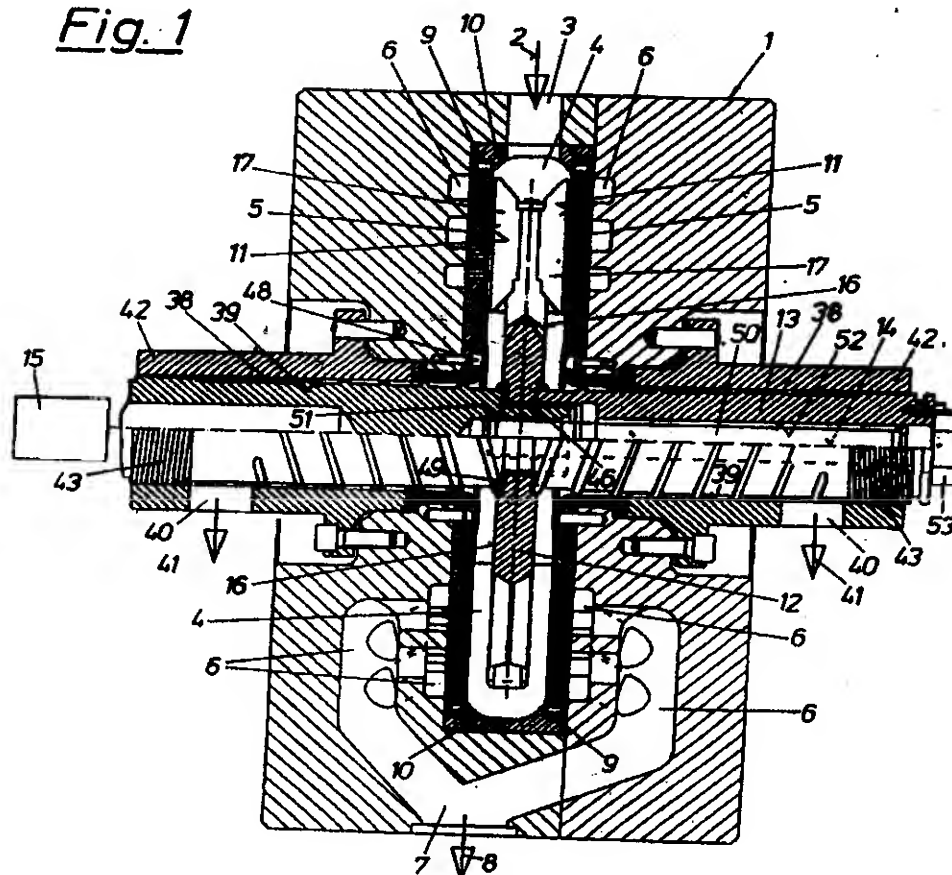
Application no. 1326/CAL/1997 FILED ON 14.7.1997  
(CONVENTION NO. 2132/96 FILED ON 5.12.1996 IN AUSTRIA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

17 CLAIMS.

Fig. 1



Filter apparatus for liquids containing impurities, in particular solid particles, comprising a housing (1) in which at least one stationary, substantially flat filter (5) is disposed to which the liquid to be cleaned is supplied in the region of its periphery via at least one supply channel (3) and from which the cleaned fluid is conducted off the housing (1) via at least one downstream channel (7), atleast one scraper element (17), having a scraping edge (31) that is pressed against the upstream-side surface (11) of the filter (5) and is movably connected to a scraper carrier (1) that is rotatable around an axis disposed substantially perpendicular to the upstream-side surface of the filter (5) by a drive means (15), the scraper element scraping off the impurities adhering to this surface and conveying them towards the center of the filter, wherefrom the impurities are conveyed off the housing (1) by means of at least one screw (38) via at least one discharge channel (39) that starts from the center of the filter (5) and conducts the impurities out of the housing (1) characterized in that at least one scraper element (17) is connected to the scraper carrier (12) swivellable around an axis (18) and extends from this axis (18) in direction of rotation of the scraper carrier (12) and obliquely to the filter (5), the scraping edge (31) of the scraper element (17) being pressed against the filter (5) during revolution of the scraper element (17) by the counter-pressure of the liquid to be cleaned.

*Complete Specifications : 16 pages.*

*Drawings: 4 sheets*

Ind.Cl : 151 F 191980  
 Int.Cl<sup>7</sup> : B 31 C 5/00  
 Title : PROCESS FOR THE MANUFACTURE OF TUBE BODIES.  
 Applicant : AISA AUTOMATION INDUSTRIELLE SA. OF ROUTE DE,  
 SAVOIE, CH-1896, VOUVRY, SWITZERLAND.  
 Inventor : GERHARD KELLER.

Application no. 2187/CAL/1997 FILED ON 20.11.1997  
 (CONVENTION NO. 96118685.5 FILED ON 21.11.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

### 9CLAIMS.

Process for the manufacture of tube bodies, in particular multilayered tube bodies (4,b, 14) , comprising atleast one partition extending over the length of said tube bodies and forming mutually adjoining longitudinal chambers (A,B,C,D,E,F,G), utilising a foil strip (1), wherein first a partition strip or a partition strip section cut to length, is fixed to the foil strip or foil strip section, cut to length, in an orientation parallel to the foil strip or foil strip section, whereafter the lateral edges are interconnected, in order either to form an endless tube, from which tube bodies can then be cut to length, or to directly form such tube body wherein the partition strip or the partition strip section is manufactured from at least one tube (2;6;9a) or tube section.

FIG. 2A

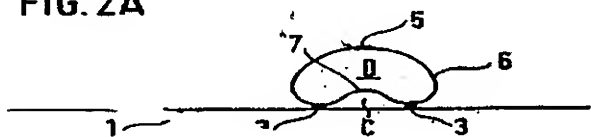


FIG. 2B

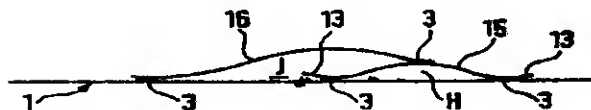
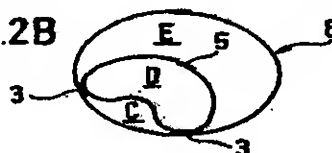


FIG. 4B



Complete Specifications : 9 pages.

Drawings: 1 sheets



Ind.Cl : 128A 191981  
Int.Cl<sup>7</sup> : A61L 15/01, A61L 27/00  
Title : A PROCESS OF PREPARING A FIBROIN FILM  
Applicant : NATIONAL INSTITUTE OF SERICULTURAL AND ENTOMOLOGICAL  
SCIENCE, MINISTRY OF AGRICULTURE, FORESTRY AND  
FISHERIES OF 1-2 OHWASHI, TSUKUBA-SHI IBARAKI-KEN, JAPAN.  
Inventor : KOZO TSUBOUCHI

Application no. 120/CAL/1997 FILED ON 21.01.1997  
(CONVENTION NO. 8-28559 FILED ON 23.01.1996 IN JAPAN.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

**6 CLAIMS.**

A process of preparing a fibroin film, comprising the steps of:

- a) Dissolving a sericin-free fibroin substance in water to obtain an aqueous fibroin solution;
- b) Forming the aqueous fibroin solution into a liquid film; and
- c) Drying the liquid film while preventing crystallization of fibroin, thereby obtaining a non-crystalline fibroin film,

Wherein step (c) is performed under any one of the following conditions (c-1) to (c-3);

(c-1) under a reduced pressure of 0.5 atm or lower;

(c-2) at a temperature of 0°C to 50°C under a relative humidity of 40 to 90% in air or in an inert gas;  
and

(c-3) while bringing the liquid film into contact with air or inert gas at a temperature of 0°C to 50°C  
and at a wind velocity of 5 cm per second or higher.

**Complete Specifications : 9 pages.**

**Drawings: NIL**

Ind. Cl. : 87 C 191982  
Int.Cl<sup>7</sup> : A63B59/00  
Title : SPORTS BAT AND METHOD OF PRODUCING THE SAME.  
Applicant : CADCAM TECHNOLOGY LIMITED, OF 43 ARK WRIGHT STREET  
NOTTINGHAM NG2 2JR, UNITED KINGDOM  
Inventor : 1. RICHARD BROOKS.  
2. JAMES STEPHEN BOYD MATHER.  
3. STEPHEN KNOWLES.

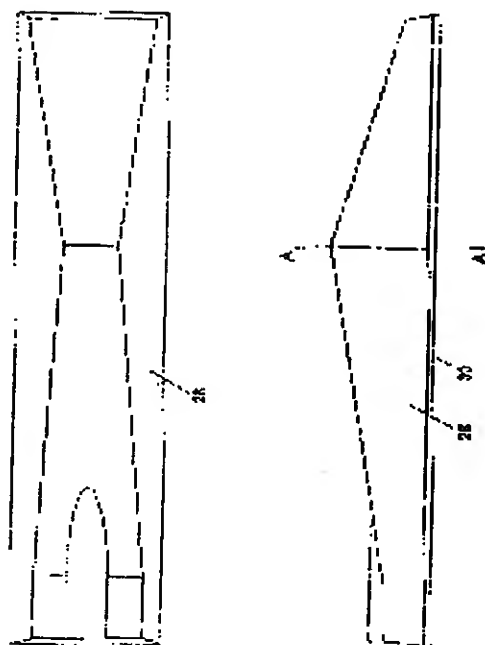
Application no. 134/CAL/97 FILED ON 24.01.1997  
(CONVENTION NO.9601361.0 FILED ON 24.01.1996 IN U.K.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

**10 CLAIMS.**

A sports bat having a hitting surface for impact with a ball, wherein, because of the shape of the hitting surface and the material of the hitting surface, the hitting surface has a selected mode of vibration when in contact with the ball such that the duration of a half cycle of the selected mode of vibration is substantially equal to the contact time between the hitting surface and the ball during an impact.



Complete Specifications : 12 pages.

Drawings: 4 sheets

Ind.Cl : 99A 191983  
 Int.Cl<sup>7</sup> : A 47J 27/21  
 Title : ELECTRIC KETTLE  
 Applicant : SEB S.A. OF CHEMIN DU PETIT BOIS, LES 4 M, 69130, ECULLY FRANCE.  
 Inventor : PATRICK DELIENS.

Application no. 792/CAL/1997 FILED ON 02.05.1997  
 (CONVENTION NO. 96 05987 FILED ON 14.05.1996 IN FRANCE.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

### 9 CLAIMS.

Electric kettle comprising:

a plastics material tank (1) for liquid to be heated, said tank having side walls (7) which are provided with shoulder means (8, 9) in their lower ends,

heating means (2) comprising at least one electrical element (3) associated with a metal heater plate (4) which has a top face (4a) adapted to be in direct contact with the liquid to be heated and a peripheral rim (4c, 4d) adapted to be supported by said shoulder means (8, 9),

a seal (10) disposed between said side walls (7) and said peripheral rim (4c, 4d), and

a removable bottom (11) adapted to be attached to said tank (1) by fixing means (13, 14, 15),

wherein said removable bottom (11) comprises a skirt (12) which is adapted to surround said side walls (7) and said fixing means are adapted to attach said skirt (12) to said side walls (7), in order to have a counter-locking effect to hold in place said heater plate (4) on said shoulder means (8, 9).

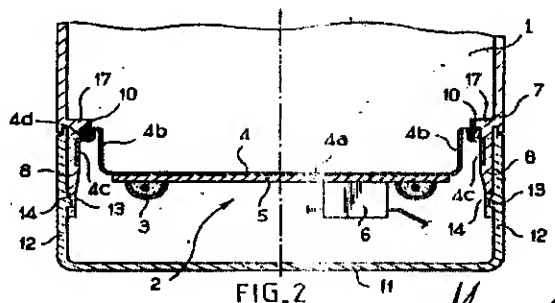


FIG. 2

Ind.Cl : 187 C 191984  
 Int.Cl<sup>7</sup> : H04B- 5/04  
 Title : A MESSAGE TRANSMISSION SYSTEM  
 Applicant : KONINKLIJKE PHILIPS ELECTRONICS N.V. OF  
 GROENEWOUDSEWEG 1, 5621 BA EINDHOVEN, THE NETHERLAND  
 Inventor : RODNEY WILLIAM GIBSON  
 DAVID JOSEPH SMITH

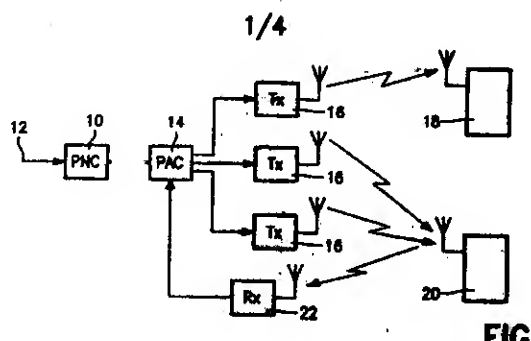
Application no. 946/CAL/1997 FILED ON 26.05.1997  
 (CONVENTION NO. 9611146.3 FILED ON 29.05.1996 IN BRITAIN)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

### 9 CLAIMS.

A message transmission system comprising at least one primary station (10, 14, 16) that transmits on a down-link and a plurality of secondary stations (18, 20) that transmit on an up-link, wherein the primary station comprises means (14) for compiling messages to be transmitted, means (16) for transmitting the messages to the secondary stations, means (14, 16) for transmitting a signal inviting the secondary stations to transmit responses to the messages, means (22, 14, 24, 44) for receiving and analysing the responses, means (24) for acknowledging receipt of responses which were analysed successfully, means (40, 24) for determining which of the transmitted messages have been responded to and for repeating the invitation to invite the secondary stations whose responses have not been acknowledged to transmit/ re-transmit their responses, and wherein each of the secondary stations comprises means (68) for receiving the messages, means (70, 72) for determining if anyone of the messages is addressed to it, means (68) for receiving the invitation signal, means (72, 90) for transmitting a response to the anyone of the messages addressed to it, and means (72) responsive to not receiving an acknowledgement of its response for repeating the transmission of the response when invited to do so.



Complete Specifications : 15 pages.

Drawings: 4 sheets

Ind.Cl : 63 A 3/63-I 191985  
Int.Cl<sup>7</sup> : F02C-3/28 H02K7/14  
Title : A SYSTEM FOR GENERATING ELECTRICAL POWER BY  
UTILIZING THE TORQUE POWER GENERATED BY THE  
MOVEMENT AND STRENGTH OF DOMESTIC ANIMALS.  
Applicant : RAMESH PRASAD SHRIVASTAVA, OF DIWAN ROAD, MUZAFFARPUR  
BIHAR 842 001, INDIAN  
Inventor : RAMESH PRASAD  
Application no. 1111/CAL/1997 FILED ON 12.6.1997

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**7 CLAIMS.**

A system (200) for generating electric power from non conventional energy input comprising a plurality of identical machine devices (M1 M2 M3 M4) arranged at different heights; and a generator set (39), each said machine devices comprises:

- a torque power machine (SO) where the initial torque power is generated by animal power resulting from the movement and strength of domestic animals;
- a speed gear machine (100) receiving the torque power from said torque power machine (SO) via a prime mover (14) disposed at a central point of said torque power machine (SO) for boosting up the initial speed of the prime mover wheel (14).,
- said generator set (39) installed vertically with its armature shaft projecting downwards being inserted and embedded into a plurality of free wheel gear bearings (33,34,35,36) at different heights in accordance with disposition of said machine devices (M1 M2 M3 M4) and capable of rotating freely by said free wheel gear bearings (33,34,35,36) working together or independently, characterised in that said speed gear machine (100) is an arrangement of a main gear wheel (20) and a plurality of

**Drawings: 5 sheets**

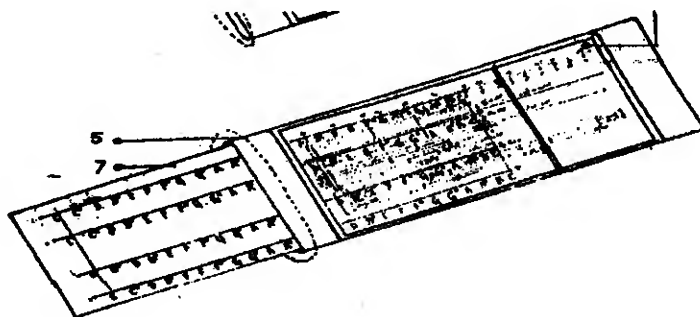
Ind.Cl : 137 A 191986  
Int.Cl<sup>7</sup> : G10C 3/06  
Title : MUSICAL INTERSCRIPTOR  
Applicant : SRI RAJIB KUMAR BANDOPADHYAY OF 15/C CHAKRABORTY PARA  
A-ROAD, 1<sup>ST</sup> LANE, P.O NONACHANDANPUKUR, BARRACKPORE  
KOLKATA PIN- 7000122, INDIA.  
Inventor : SRI RAJIB KUMAR BANDOPADHYAY  
Application no. 1345/CAL/1997 FILED ON 16.07.1997

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**2 CLAIMS.**

A musical Interscriptor comprising of a Body-member (FIGURE 4 & 5), a Transparent-member (FIGURE 2 & 3) and a Sliding-member (FIGURE 1) to help in transposition, preparing Scale-independent musical Stave-notation, and also in ascertaining the most common chords to accompany a song written and performed in a particular scale enrich it musically, in which the "Transparent-member" (FIGURE 2 & 3) is to be rigidly attached to the "Body-member" (FIGURE 4 & 5) to form a "Complete Body-member" (FIGURE 7), creating a window for taking readings and in which the "Sliding member" (FIGURE 1) slides into the "Complete Body-member" (FIGURE 7); and moved "to and fro" inside it, for matching its gradations and musical notes written in scale-dependent notation, with the gradations, chords, and musical notes written in scale-independent notation of the "Transparent-member" (FIGURE 2 & 3) attached to the "Body-member" (FIGURE 4 & 5) -now forming a window of the "Complete Body-member" (FIGUR 7) -and after matching of the gradations, according to pre- determined scale of a particular song, readings can be taken.



***Complete Specifications : 7 pages.***

***Drawings: 4 sheets***

Ind.Cl : • 64 B 191987  
Int.Cl<sup>7</sup> : G06F-12/02 G11C-7/00  
Title : A SEMICONDUCTOR CIRCUIT  
Applicant : SIMENS AKTIENGESELLSCHAFT  
OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY  
Inventor : 1. ANGELA ZELLNER.  
2. ANDREAS RAESCHMEIER.  
3. WOLFGANG POCKRANDT

Application no. 1358/CAL/1997 FILED ON 21/06/1997  
(CONVENTION NO.19634135.3 FILED ON 23.08.1996 IN GERMANY)

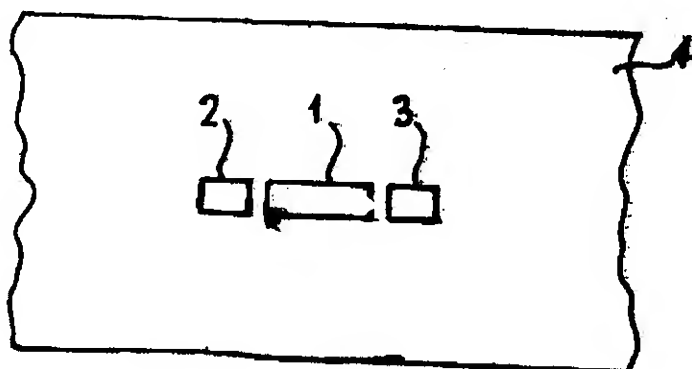
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

6 CLAIMS.

A semiconductor circuit comprising :

- At least one operation assembly with a drive circuit and a data memory;
- At least one initialization assembly for testing and for initializing said at least one operational assembly
- At least one connecting line of disconnectable type, characterized in that
- At least one potential line (2,3) connected to said atleast one operational assembly provided in the region of said at least one connecting line (1), and in that said at least one operational assembly can be placed in an inactive state if at least one of said potential line (2,3) is connected to said at least one connecting line.



Complete Specifications : 10 pages.

Drawings: 2 sheets



Ind.Cl : 206 E 64 B 191988  
Int.Cl<sup>7</sup> : G06K -19/00 , G07F-7/10  
Title : MICROPROCESSOR, IN PARTICULAR FOR USE IN A CHIP CARD, WITH A CONTROL UNIT AND WITH A HOUSING SURROUNDING THE CONTROL UNIT.  
Applicant : SIMENS AKTIENGESELLSCHAFT  
OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY  
Inventor : 1. MICHAEL HUBER.  
2. PETER STAMPKA.  
3. JOSEF HEITZER

Application no. 1391/CAL/1997 FILED ON 24.07.1997  
(CONVENTION NO. 19634133.7 FILED ON 23.8.1996 IN GERMANY.)

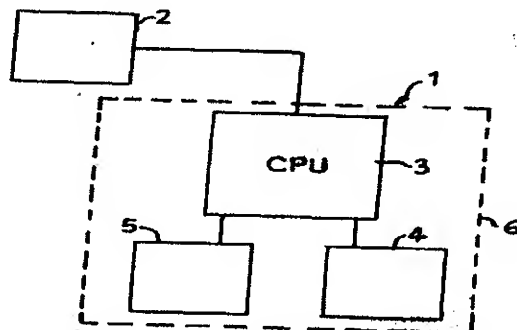
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

7 CLAIMS.

Microprocessor, in particular for use in a chip card, with a control unit and with a housing surrounding the control unit, at least one sensor (5) which is connected to the control unit (3) being provided in the region of the housing (6), at

least one substance which can be perceived by the sensor being provided in the region of the housing (6), characterized in that the substance has at least two components, at least one of the components being present in a predefined concentration which can be displayed by the sensor (5), the microprocessor (1) being designed in such a way that a measurement signal which is fed to it by the sensor and which displays the predefined concentration can be permanently stored, and the control unit (3) being designed in such a way that it goes into an inactive state or can be placed in an inactive state by the sensor if the sensor (5) generates a measurement signal which displays a concentration which differs from the predefined concentration.



Complete Specifications :12 pages.

Drawings: 1 sheets

Ind.Cl : 25B 191989  
Int.Cl<sup>7</sup> : C04B35/622  
Title : AN IMPROVED PROCESS FOR PRODUCING HIGH ALUMINA  
REFRACTORY BLOCKS.  
Applicant : STEEL AUTHORITY OF INDIA LIMITED, OF ISPAT BHAWAN, LODI  
ROAD  
NEW DELHI – 110004, INDIA.  
Inventor : 1. ANUP KUMAR BHATTACHARYA.  
2. AJOY KUMAR DASGUPTA.  
3. TAPAS KUMAR PAL.  
4. PURIMETLA CHINTAIAH  
Application no. 2215/CAL/1997 FILED ON 25.11.1997

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*  
*PATENT OFFICE KOLKATA.*

**2 CLAIMS.**

An improved process' for producing high alumina refractory blocks, comprising:

- (a) preparing a mix of pre-selected ingredients in a conventional mixer;
  - (b) making the mix pasty with addition of water and molasses thereto in required quantity;
  - (c). preparing blocks of the pasty mix manually; (d) drying the blocks in natural air;
  - (e) firing/sintering the blocks in a furnace for 24 hours;
  - (f) cooling the blocks to ambient temperature in natural air;
- characterised in that (i) the ingredients of the mix comprise flyash which is beneficiated by burning in a furnace at 1000°C for 3-5 hours, cooling to ambient temperature in natural air, treating with N/10 Hcl acid at a flyash-t6-acid ratio by weight of 5: 1 followed by treatment with alkaline (standard) ammonium molybdate solution to remove the phosphorus pentoxide present in the flyash, washing with water, drying and passing through a magnetic field, together with microfine technical grade alumina containing graded Kyanite or Bauxite in quantity required to make the alumina content of the mixture be 50% by weight; and (11) the blocks are fired/sintered at 1500°C.

*Complete Specifications : 7 pages.*

*Drawings: 1 sheets*

Ind.Cl : 74, 34 (A) 191990

Int.Cl<sup>7</sup> : D02G3/00

Title : A MAT FOR USE AS A REINFORCEMENT IN A COMPOSITE PRODUCT

Applicant : OWENS CORNING, OF ONE OWENS CORNING PARKWAY,  
TOLEDO, OHIO 43659, UNITED STATES OF AMERICA.

Inventor : 1. SHERI LYNETTE. (EIKLEBERRY) WHISLER.  
2. FRANK JOSEPH. MACDONALD.  
3. MARGARET MARY WOODSIDE.

Application no. 1679/CAL/1997 FILED ON 12.9.1997  
(CONVENTION NO. 08/713,318, IN UNITED STATES OF AMERICA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

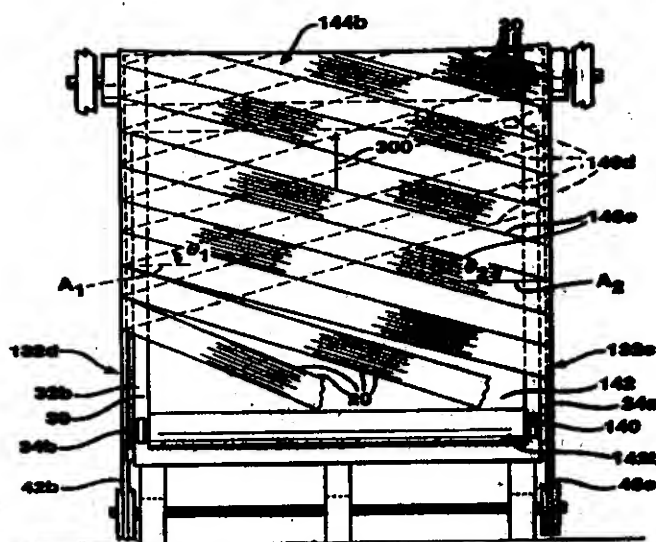
PATENT OFFICE KOLKATA.

**13 CLAIMS.**

A mat for use as a reinforcement in a composite product comprising:

A plurality of composite strands each including reinforcing fibers and first polymeric material such as herein described ; and

Second polymeric material , wherein first portions of said strands are angularly positioned relative to second position of said strands and are joined to said second portions via said second polymeric material.



Complete Specifications : 15 pages.

Drawings: 9 sheets

## OPPOSITION PROCEEDING (U/S. 25)

An opposition has been entered by M/s. L. S. Davar & Co., Kolkata on behalf of M/s. Bajaj Auto Limited, Pune, Maharashtra to the grant of a Patent on application No. 190157 (1156/Del/94) dated 19.09.1994 made by M/s. Honda Giken Kogyo Kabushiki Kaisha, Japan.

An opposition has been entered by M/s. L. S. Davar & Co., Kolkata on behalf of M/s. Bajaj Auto Limited, Pune, Maharashtra to the grant of a Patent on application No. 190158 (1157/Del/94) dated 19.09.1994 made by M/s. Honda Giken Kogyo Kabushiki Kaisha, Japan.

An opposition has been entered by M/s. S. Majumdar & Co., Kolkata on behalf of M/s. Hindustan Lever Limited, Mumbai, Maharashtra to the grant of a Patent on application No. 190169 (1588/Del/94) dated 08.12.1994 made by M/s. Procter & Gamble Company, U.S.A.

An opposition has been entered by M/s. L. S. Davar & Co., Kolkata on behalf of M/s. Bajaj Auto Limited, Pune, Maharashtra to the grant of a Patent on application No. 190182 (377/Del/95) dated 07.03.1995 made by M/s. Honda Giken Kogyo Kabushiki Kaisha, Japan.

An opposition has been entered by M/s. ACRYLIL LIMITED, MUMBAI to the grant of a Patent on application No. 190214 (1482/Cal/96) dated 20.08.1996 made by M/s. SCHOCK & Co., GmbH, GERMANY.

An opposition has been entered by M/s. L. S. Davar & Co., Kolkata on behalf of M/s. Bajaj Auto Limited, Pune, Maharashtra to the grant of a Patent on application No. 190249 (1586/Del/94) dated 07.12.1994 made by M/s. Honda Giken Kogyo Kabushiki Kaisha, Japan.

An opposition has been entered by M/s. L. S. Davar & Co., Kolkata on behalf of M/s. Bajaj Auto Limited, Pune, Maharashtra to the grant of a Patent on application No. 190251 (1633/Del/94) dated 16.12.1994 made by M/s. Honda Giken Kogyo Kabushiki Kaisha, Japan.

NEW DELHI 01-06-2003 TO 30-07-2003

## RENEWAL FEES PAID

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186909	186452	186971	186139	178987	187516	186534	186046	187171	180557	184905	186871
188267	188263	188264	176139	184572	185376	185561	187904	187399	187423	187424	188038
188172	188183	176250	177459	180891	184491	184874	177057	184558	184980	185179	185276
187407	186036	186872	187013	187081	187325	186113	180309	186300	186795	175157	175184
185568	175848	178471	175719	176138	177060	177742	176274	177933	177991	177992	177993
178149	184977	184300	175240	187950	187083	187886	186244	186734	187292	187360	178150
178176	178375	180193	180560	180562	180565	182524	182609	182632	177915	185276	185195
184727	184831	185578	185742	185743	186116	186146	186155	186156	186217	182634	183433
183623	184097	184103	184162	184236	184561	184563	184725	183432	185580	180892	184825
185386	186214	186993	187172	187993	188002	188258	188338	187079	186556	186822	185994
176144	183621	178938	184723	185141	186435	175230	174183	176070	176141	176522	184879
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178382 182405 175209 175714 177443 177871 177964 177999 178373 178476 178596 186875  
187174 187015 187411 187519 177730 177746 177874 184287 186523 177914 186765 185233  
185587 176722 187957 176140 176466 178232 178837 180195 180196 180563 182183 182544  
176881 177195 184852 185367 186875 187921 188265 188340 187902 188262 188372 188374  
185563 188371 184106 184107 184288 184414 184494 184729 184836 185192 185271 185487  
178239 188333 174637 186088 176153 178691 180175 180174 182912 184239 1183317 184597  
184740 184746 184747 184855 185234 185566 185488 185522 185585 185592 185646 185744  
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## PATENTS SEALED ON 02-01-2004 (KOLKATA)

190131 190134 190135 190136 190137 190138 190139 190140 190192 190193 190195 190196  
190198.

KOL—13.

## PATENTS SEALED ON 24-12-2003 (MUMBAI BRANCH)

176116 187163 189771 189797 189803 189811 189824 189829 189836 189837 189872 189873  
189874 189876 189883 189991 189992 189994 189998 190000 190002 190004 190005 190007  
190009 190010 190051 190052 190053 190054 190055 190056 190057 190063 190065 190067  
190069 190071 190073 190078 190296 190398 190424 190452 190474 190483.





## PATENTS SEALED ON 31-12-2003 (CHENNAI)





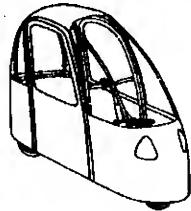
188982 188986 188987 188988 188989 189183 189186 189188 189189 189190






**REGISTRATION OF DESIGNS**

The following designs have been registered. They are open for public inspection from the date of registration. (Colour combination if any, is not shown in the representation)





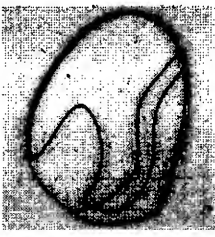
The dates shown in the following each entry is the date of registration.




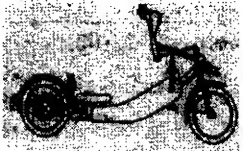

Class	05-05	No.192089. <b>GOLDTEX FURNISHING INDUSTRIES, 78/1197, TRI NAGAR, DELHI-110035, INDIA, AN INDIAN PARTNERSHIP FIRM. "TEXTILE FABRIC" 9<sup>th</sup> May 2003</b>	
Class	23-02	No.192007. <b>FRIEDRICH GROHE AG &amp; CO. KG., OF AN DER EGGE 19, D-58636 ISERLOHN, GERMANY. "SHOWER" 15<sup>th</sup> Nov. 2002 (Reciprocity, Germany)</b>	
Class	09-01	No.192131. <b>THERMO PLAST INDUSTRIES PVT. LTD., 113/114, VIVEK IND. ESTATE, NEAR LITOLIER, USWALA ROAD, CAMA ESTATE, GOREGAON (E), MUMBAI-400 063, MAHARASHTRA, INDIA, "WATER BOTTLE" 20<sup>th</sup> May 2003.</b>	
Class	23-02	No.192010. <b>FRIEDRICH GROHE AG &amp; CO. KG., OF AN DER EGGE 19, D-58636 ISERLOHN, GERMANY. "SHOWER RAIL" 15<sup>th</sup> Nov. 2002 (Reciprocity, Germany)</b>	






<b>Class</b>	<b>02-04</b>	No.192047. M/S. TRELA FOOTWEAR EXPORTS PVT. LTD., OF ADDRESS D-38, SITE-C, INDUSTRIAL AREA, SIKANDRA, AGRA:-282 007, U.P., (INDIA). "SOLE FOR FOOTWEAR" 6 <sup>th</sup> May 2003.	
<b>Class</b>	<b>12-16</b>	No.192217. ROOTS AUTO PRODUCTS PVT. LTD. OF PKG INDUSTRIAL ESTATE, GANAPATHY P.O. COIMBATORE-641006, TAMIL NADU, INDIA. "TRUMPETS FOR VEHICLE" 27 <sup>th</sup> May 2003.	
<b>Class</b>	<b>09-09</b>	No.192430. PRINCE PLASTICS INTERNATIONAL PVT. LTD., AT 51(3) MAROL CO-OP. INDL. ESTATE, M.V. ROAD, ANDHERI(E), MUMBAI:-400 059, MAHARASHTRA, INDIA. "DUST BIN" 24 <sup>th</sup> June 2003.	
<b>Class</b>	<b>14-01</b>	No.192289. BOSE CORPORATION, A DELAWARE CORPORATION OF THE MOUNTAIN, FRAMINGHAM, MASSACHUSETTS 01701-9168, U.S.A. "HEADSET" 20 <sup>th</sup> Dec. 2002 (Reciprocity, U.S.).	
<b>Class</b>	<b>12-11</b>	No.192245. SHIROUMA SAIENSU KABUSHIKI KAISHA, OF BUSIN- ESS AT NO.5777, AOKI, NYUZEN-CHO SHIMONHIKAWA-GUN, TOYAMA 939-0643, JAPAN. "CYCLE" 3 <sup>rd</sup> December 2002 (Reciprocity, Japan).	




Class	13-99	No.192116. LARSEN & TOUBRO LIMITED, L & T HOUSE, BALLARD ESTATE, MUMBAI:-400 001, MAHARASHTRA, INDIA. "DOOR INTERLOCK ASSEMBLY DOOR" 9 <sup>th</sup> May 2003	
Class	23-01	No.192645. DEVI POLYMERS PVT. LTD. OF T.N.K. HOUSE, 48 ANNA SALAI, CHENNAI-600002, TAMIL NADU, INDIA. "SIDE PANEL OF WATER" 23 <sup>rd</sup> July 2003.	
Class	13-99	No.192081. LARSEN & TOUBRO LIMITED, L & T HOUSE, BALLARD ESTATE, MUMBAI:-400 001, MAHARASHTRA, INDIA. "DOOR INTERLOCK -ASSEMBLY-CIRCUIT BREAKER" 9 <sup>th</sup> May 2003	
Class	19-06	No.192512. LINC PEN & PLASTICS LTD., AT 3, ALIPORE ROAD, 1 <sup>ST</sup> FLOOR, KOLKATA: -700 027, INDIA, "PEN" 3 <sup>rd</sup> July 2003	
Class	23-01	No.192646. DEVI POLYMERS PVT. LTD. OF T.N.K. HOUSE, 48 ANNA SALAI, CHENNAI-600002, TAMIL NADU, INDIA. "BOTTOM PANEL OF WATER" 23 <sup>rd</sup> July 2003.	



Class	23-02	No.19729. HANSGROHE AG, AUESTR. 5-9, D-77761 SCHILTACH, GERMANY, A GERMAN COMPANY. "WALL BOG FOR HAND" 13 <sup>th</sup> Dec. 2002 (Reciprocity, Germany)	
Class	23-02	No.197321. HANSGROHE AG, AUESTR. 5-9, D-77761 SCHILTACH, GERMANY, A GERMAN COMPANY. "WALL BOG FOR HAND" 12 <sup>th</sup> Dec. 2002 (Reciprocity, Germany)	
Class	23-02	No.192092. FRIEDRICH GROHE AG & CO. KG., OF AN DER EGGE 19, D-58636 ISERLOHN, GERMANY. "WASH BASIN MIXER" 15 <sup>th</sup> Nov. 2002 (Reciprocity, Germany)	
Class	23-02	No.192091. FRIEDRICH GROHE AG & CO. KG., OF AN DER EGGE 19, D-58636 ISERLOHN, GERMANY. "SPOUT BODY" 15 <sup>th</sup> Nov. 2002 (Reciprocity, Germany)	
Class	23-02	No.192057. GLAXO GROUP LIMITED, GLAXO WELLCOME HOUSE, BARKELEY AVENUE, GREENFORD, MIDDLESEX, UB6 0NN, U.K., A BRITISH COMPANY. "HOUSING FOR MEDICAMENT DISPENSER" 7 <sup>th</sup> Nov. 2002 (Reciprocity, Great Britain)	

Class	02-07	No.192507. OSCAR METAL CRAFT (P) LTD., VILLAGEKOT SEKHON, 289, MILESTONE, G.T. ROAD, DORAHA- 141421, DISTT. LUDHIANA, (PUNJAB), INDIA, AN INDIAN PVT. LTD. COMPANY, "PANT HOOK" 3 <sup>rd</sup> July 2003.	
Class	08-01	No.192178. LILABHAI BHAICHUNDBHAI PATEL, HAVING ADDRESS AT NO, 47-YASHVIJAY SOCIETY, N.H. 8, NEAR BHARVI TOWER, C.T.M. , AHMEDABAD:-380 026, GUJARAT, INDIA. "HAND TOOL FOR PLUCKING MANGO" 23 <sup>rd</sup> May 2003.	
Class	05-05	No.192601. THE RISHABH VELVELEEN LIMITED, AN INDIAN COMPANY AT 9 <sup>TH</sup> KM, HARDWAR-DELHI ROAD, NEAR RANIPUR TOLL BARRIER, JWALAPUR, HARDWAR:-249 407, U.P., INDIA. "TEXTILE FABRICS" 15 <sup>th</sup> July 2003	
Class	12-11	No.192246. SHIROUMA SAIENSU KABUSHIKI KAISHA, OF ESS AT NO.5777, AOKI, NYUZEN-CHO SHIMONIIKAWA-GUN, TOYAMA 939-0643, JAPAN. "CYCLES" 17 <sup>th</sup> March 2003 (Reciprocity Japan)	
Class	28-03	No.192731. KRISHNA PAL SINGH OF RGM NO. 1, GP-A/1-7,M LICHUBAGAN, JYANGRA, KOLKATA-700059, WEST BENGAL, INDIA. "APPLICATOR" 4 <sup>th</sup> August 2003	

Class	02-04	No.192226. M/S. TRELA FOOTWEAR EXPORTS PVT. LTD., OF ADDRESS D-38, SITE-C, INDUSTRIAL AREA, SIKANDRA, AGRA:-282 007, U.P.,(INDIA). "SOLE FOR FOOTWEAR" 28 <sup>th</sup> May 2003	
Class	07-02	No.192083. INDIA INTERNATIONAL, OF G-1/37, G.T. KARNAL ROAD, INDUSTRIAL AREA, AZADPUR, DELHI-110033, INDIA. "PRESSURE COOKER" 9 <sup>th</sup> may 2003.	
Class	07-02	No.192084. INDIA INTERNATIONAL, OF G-1/37, G.T. KARNAL ROAD, INDUSTRIAL AREA, AZADPUR, DELHI-110033, INDIA. "PRESSURE COOKER" 9 <sup>th</sup> may 2003.	
Class	11-01	No.192255. AUSTRALIA DIAMONDS LIMITED, AN ISRAELI COMPANY, DIAMONDS EXCHANGE, MACABI BLDG., 20 FL., ROOM 40, 1 JABOTINSKI ST., RAMAT GAN, ISRAEL. "DIAMOND" 2 <sup>nd</sup> June 2003	
Class	19-06	No.192219. FLAIR PENS AND PLASTIC INDUSTRIES, AN INDIAN PARTNERSHIP FIRM OF 30-A, DEVEN INDUSTRIAL ESTATE, I.B. PATEL ROAD, GOREGAON (E), MUMBAI-400 063, MAHARASHTRA, INDIA. "PEN" 27 <sup>th</sup> May 2003	

Class	11-01	No.192256. AUSTRALIA DIAMONDS LIMITED, AN ISRAELI COMPANY, DIAMONDS EXCHANGE, MACABIBEDG., 20 FL., ROOM 40, 1 JABOTINSKI ST., RAMAT GAN, ISRAEL. "DIAMOND" 2 <sup>nd</sup> June 2003	
Class	23-02	No.192322. HANS GROHE AG, AUESTR. 5-9, D-77761 SCHILTACH, GERMANY, A GERMAN COMPANY. "HEAD SHOWER" 12 <sup>th</sup> Dec. 2002 (Reciprocity Germany)	
Class	19-06	No.192488. LUXOR INTERNATIONAL PVT. LTD., OF 229, OKHLA INDUSTRIAL ESTATE-III, NEW DELHI-110020. INDIA. ALL FEN 1 <sup>st</sup> July 2003.	

Dr. S. N. MAITY  
Controller General of Patents, Designs & Trade Marks.